Currently Available Modules

If you require a software package that is not currently available on the Oscar cluster, please contact ICERM's IT staff and we will work with CCV to get the software installed.

This list is current as of November 10, 2021. To see the most up to date list of software modules, log into your Oscar account and run the command `module avail`.

```
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ category:
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
bxh_xcede_tools/1.11.14  confocal/1.0            potfit/20201014
cesm_post_process/Oct18  pigz/2.4
~~~~~~~~~~~~~~~~~~~~~~~~ category:  Microstructure modeling ~~~~~~~~~~~~~~~~~~~~~~~~
oof2/2.1.17
~~~~~~~~~~~~~~~~~~~~~~~~~~ category:  access controlled ~~~~~~~~~~~~~~~~~~~~~~~~~~
Molpro/2012.1.15
Molpro/2015_gcc
Molpro/2015_serial
Molpro/2018.2_ga
Molpro/2019.2
Molpro/2019.2_ga
Molpro/2020.1
Molpro/2020.1_ga
Molpro/2020.1_openmpi_4.0.5_gcc_10.2_slurm20
gaussian/g09
gaussian/g09-D01
gaussian/g09-D01-TEST
vasp/5.4.1
vasp/5.4.1_debug
vasp/5.4.1_mvapich2-2.3.5_intel_2020.2_slurm20
vasp/5.4.4
vasp/5.4.4_intel
vasp/5.4.4_mvapich2-2.3.5_intel_2020.2_slurm20
vasp/5.4.4_openmpi_4.0.5_gcc_10.2_slurm20
vasp/5.4.4a
vasp/6.1.1_ompi405_yqi27
vasp/6.1.1_openmpi_4.0.5_intel_2020.2_yqi27_slurm20
vasp/6.1.1_yqi27
```

~~~~~~~~~~~~~~~~~~~~~~~~~ category: graph partitioning ~~~~~~~~~~~~~~~~~~~~~~~~~
metis/5.1.0   parmetis/4.0.3 scotch/6.0.4
~~~~~~~~~~~~~~~~~~~~~~~~~ category: image processing
~~~~~~~~~~~~~~~~~~~~~~~~~
multinest/3.10   openslide/3.4.1 pstokes/1.0
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ category: libraries
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
astropy/3.2.1   cudnn/7.4   flann/1.8.4   lapack/3.7.0
astroquery/3.0.9 cudnn/7.6   hnn/1.0   mumps/5.0.2
blas/3.7.0   cudnn/7.6.5   horovod/0.16   mumps/5.0.2-seq
cudnn/5.1   cudnn/8.1.0   horovod/0.19.5   pcl/1.9.1
cudnn/6.0   cudnn/8.2.0   lapack/3.4.2   pcl/1.9.1_nurbs
cudnn/7.0   dlib/19.17   lapack/3.6.0   scalapack/2.0.2
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ category: library
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
openslide-python/1.1.1
~~~~~~~~~~~~~~~~~~~~~~~~~ category: machine learning
~~~~~~~~~~~~~~~~~~~~~~~~~
keras/2.0.9   keras/2.1.3_py3 nccl/2.8.4
keras/2.1.1   nccl/2.4.7
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ category: math
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
gsl/1.15 gsl/2.3   gsl/2.5
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ category: package
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
subread/1.6.2
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ category: software
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
mriconvert/2.1.0
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ category: utility
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
mriconvert/2.1.0
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ category: visualization
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
mayavi/4.6.0
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ category: (none)
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
HiC-Pro/2.7.8   jo/1.4   repeatmasker/4.1.0
HiC-Pro~/2.10.0   libsodium/1.0.17   repeatmodeler/1.0.11
awscli/1.0   mumax/3.9.3   sdl2/2.0.12
basilisk/1.0   ncl/6.4.0   siesta/3.2
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

canu/1.7.1 neuron/7.5 siesta/4.1
dropest/0.86 neuron/7.7 skewer/0.2.1
fiji/2017-java6 neuron/7.7_mpi squashfs/4.3
fiji/2020 nvidia-driver/440.33.01 tmux/2.8
fmri/20.0.0 pdflib/7.0.5 topcat/4.7
fv/5.5 pypy/6.0.0_2.7 transrate/1.0.3
gcm-core/2.0.498 pypy/6.0.0_3.5 vscode/1.22
grads/2.2.0 pypy/7.3.0_3.6 zstd/1.5.0
hotnet/1.0 repeatmasker/4.0.7
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ category: Applied Maths
~~~~~~~~~~~~~~~~~~~~~~~~~~~~
oof2/2.1.17
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ category: Astrophysics
~~~~~~~~~~~~~~~~~~~~~~~~~~~~
polychord/1.0 polychord/2.0
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ category: Bioinformatics
~~~~~~~~~~~~~~~~~~~~~~~~~~~~
MultiQC/1.0 muscle/3.8.31
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ category: CAD
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
freecad/0.18 librecad/2.0
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ category: Chemistry
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
dalton/2018.0
dalton/2018.0_mvapich2-2.3.5_intel_2020.2_slurm20
~~~~~~~~~~~~~~~~~~~~~~~~~ category: Computer Architecture ~~~~~~~~~~~~~~~~~~~~~~~~~
risc/1.0
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ category: EDA tools
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
cadence/IC06.18.090 cadence/IC6.1.8.33 incisive/15.20.085
~~~~~~~~~~~~~~~~~~~~~~ category: Executable for ceckpointings ~~~~~~~~~~~~~~~~~~~~~~
dmtcp/2.6.0
~~~~~~~~~~~~~~~~~~~~ category: Flag for CMAKE for fast build ~~~~~~~~~~~~~~~~~~~~
ninja/1.9.0
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ category: GENETEICS
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
eigensoft/6.0
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ category: Genomic
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
Genrich/0.5 mcscanx/1.0
~~~~~~~~~~~~~~~~~~~~~~~~~~~~ category: Genomic Library

~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
redundans/1.0
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ category: Genomics
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
baypass/2.2 beast/2.5.2 kissplice/2.5.1
beast/1.10.4 kissplice/2.5.0
~~~~~~~~~~~~~~~~~~~~ category: Genomics Sequencing Alignment ~~~~~~~~~~~~~~~~~~~~
qualimap/2.2.1
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ category: Graphics
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
beagle/1.0.0
~~~~~~~~~~~~~~~~~~~~~~~~~ category: Helper function type ~~~~~~~~~~~~~~~~~~~~~~~~~
datamash/1.3
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ category: I/O
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
cdo/1.9.8
cdo/1.9.9
hdf5/1.10.0
hdf5/1.10.1_mvapich2-2.3.5_gcc_10.2_slurm20
hdf5/1.10.1_parallel
hdf5/1.10.5
hdf5/1.10.5_fortran
hdf5/1.10.5_mvapich2-2.3.5_intel_2020.2_slurm20
hdf5/1.10.5_openmpi_3.1.3_gcc
hdf5/1.10.5_openmpi_3.1.6_gcc
hdf5/1.10.5_openmpi_4.0.0_gcc
hdf5/1.10.5_openmpi_4.0.5_gcc_10.2_slurm20
hdf5/1.10.5_parallel
hdf5/1.10.7_hpcx_2.7.0_intel_2020.2_slurm20
hdf5/1.10.7_openmpi_4.0.5_gcc_10.2_slurm20
hdf5/1.10.7_openmpi_4.0.5_intel_2020.2_slurm20
hdf5/1.12.0_hpcx_2.7.0_intel_2020.2
hdf5/1.12.0_hpcx_2.7.0_intel_2020.2_slurm20
hdf5/1.12.0_openmpi_4.0.5_intel_2020.2_slurm20
jasper/1.900.1-intel
nco/4.6.6
nco/4.8.2
nco/4.9.3
netcdf/3.6.3
netcdf/4.4.1.1_gcc
netcdf/4.4.1.1_intel
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

netcdf/4.4.1.1_pgi
netcdf/4.7.0_intel2019.3
netcdf/4.7.4_gcc8.3
netcdf/4.7.4_gcc_10.2_hdf5_1.10.5
netcdf/4.7.4_intel_2020.2_hdf5_1.12.0
sqlite/3.25.2
sqlite/3.31.1
udunits/1.12.11
udunits/2.2.24
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ category: IDE
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
meshlab/20190129_qt59 spyder/3.3.5
~~~~~~~~~~~~~~~~~~ category: Image processing and visualization ~~~~~~~~~~~~~~~~~~
opencv-python/4.1.0.25
~~~~~~~~~~~~~~~~~~~~~~~~ category: Library for optimizer ~~~~~~~~~~~~~~~~~~~~~~~~~~
numbbo/2.3_python2 numbbo/2.3_python3
~ category: Material sceince: https://icet.materialsmodeling.org/overview.html ~
icet/0.3
~~~~~~~~~~~~~~~~~~~~~~~~~~~~ category: Medical imaging
~~~~~~~~~~~~~~~~~~~~~~~~~~~~
mricrogl/1.0   mricrogl/1.2.20210317
~~~~~~~~~~~~~~~~ category: Multifunctional Wavefunction Analyzer ~~~~~~~~~~~~~~~~~
multiwfn/3.3.9
~~~~~~~~~~~~~~~~~~~~~~~~~~~ category: Numerical Library
~~~~~~~~~~~~~~~~~~~~~~~~~~~
ngsolve/6.2.1901
~~~~~~~~~~~~~~~~~~~~~~~~~~~ category: Numerical Solver
~~~~~~~~~~~~~~~~~~~~~~~~~~~
dedalus/2.1810
dedalus/2.1905
dedalus/2.1905_openmpi_4.05_gcc_10.2_slurm20
dedalus/Sep2019
nektar++/4.5.0
~~~~~~~~~~~~~~~~~~~~~~~~ category: Quantum Monte Carlo
~~~~~~~~~~~~~~~~~~~~~~~~
casino/2.13
~~~~~~~~~~~~~~~~~~~~ category: Tool for Image Manipulation ~~~~~~~~~~~~~~~~~~~~
netpbm/10.47.71
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ category: Utility
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
globus/1.11

~~~~~~~~~~~~~~~~ category: Visualization Package Qt's Python API ~~~~~~~~~~~~~~~~

pyqt/4.12.1

~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ category: X

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turbovnc/2.1.1 turbovnc/2.2.1 turbovnc/2.2.6 turbovnc/2.2.b1

~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ category: astronomy

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ares/0.1 iraf/2.16 sextractor/2.8.6

ares/0.5 iraf/2.16.1+2018.11.01 supermongo/2.4.34

ccfits/2.5 lsst/14.0 swarp/2.38

cfitsio/3.450 planck_likelihood/3.0 theli/1.9.5

cfitsio/3.48 planck_likelihood/3.01 wcstools/3.9.5

ds9/7.6 scamp/2.0.4

galfit/3.0.5 sextractor/2.19.5

~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ category: astrophysics

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fiat/Oct2019

~~~~~~~~~~~~~~~~~~~~~~~~~~~~ category: astropy computing

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astropy/3.2.1

~~~~~~~~~~~~~~~~~~~~~~~~~~ category: astroquery computing

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astroquery/3.0.9

~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ category: benchmark

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elbencho/2.0-1

~~~~~~~~~~~~~~~~~~~~~~ category: binary for genome studies ~~~~~~~~~~~~~~~~~~~~~~

bedGraphToBigWig/1.04

~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ category: bio

~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

SNAP/2013-11-29 mira/4.0.2

abyss/2.1.1 mne/0.17.0

ale/20140120 moseq2/0.1.2

aliview/1.25 moseq2/0.2.0

amplisat/20170208 mothur/1.39.5

angsd/0.920 mrbayes/3.2.6

anvio/5.2 mriqc/0.15.2

anvio/5.5 msmc/1.0.0

anvio/6.1 msmc/1.1.0

anvio/7 msmc/2.1.2

arb/6.0.6 msprime/0.7.0

augustus/3.3
bamcleave/Oct2018
bamtools/2.3.0
bamtools/2.4.1
bbmap/38.23
bbtools/38.12
bcftools/1.10.2
bcftools/1.13
bcftools/1.9
bcl2fastq/2.20.0
bedops/2.4.35
bedtools/2.25.0
bedtools/2.26.0
beeline/1.0
biolite/1.0.0
biomed/1.0
biopython/1.66
biopython/1.73
bismark/0.20.0
blast/2.2.30+
blast/2.6.0+
blast/2.7.1+
blast/2.8.1+
blast/2.9.0+
blat/36x2
bowtie/1.2.0
bowtie/2.4.1
bowtie2/2.3.0
bowtie2/2.3.5.1
bowtie2/2.4.2
braker/2.1.0
busco/3.0.2
bwa/0.7.15
cabana/1.0
cabana/1.1_hpcx_2.7.0_gcc_10.2_slurm20
cantera/5.9.7
ccp4/7.0
circlator/1.5.5
conn/16b
conn/18a
conn/18b
msprime/0.7.2
msprime/0.7.4
mummer/4.0.0.beta2
namd/2.11-multicore
namd/2.13b1-multicore
nda-tools/1.0
nextclip/1.3.1
nextgenmap/0.5.2
nipype/1.5.0
nseg/20181012
nvtop/1.1.0
obitools/1.2.12
octopus/0.7.4
oligotyping/2.0
omero/5.6.2
opera/2.0.6
orthomcl/2.0.9
paml/4.8
pandaseq/2.11
paris/1.1.3
paup/4.0a157
paup/4.0a166
paup/4.0a168
pbsuite/15.8.24
pcangsd/0.98
picard-tools/2.17.11
picard-tools/2.9.2
pilon/1.22
pilon/1.24
plink/1.07
plink/1.90
plink/2.00
polyphen/2.2.2
poolparty/0.8
popoolation2/1.201
prinseq/0.20.4
prodigal/2.6.3
psmc/0.6.5
psmc/0.6.5a
pymol/2.2b
qctool/2.0

conn/18b_runtime
conn/18b_standalone
conn/19c
conn/20b
conn/20b_standalone
connectome_workbench/1.3.1
connectome_workbench/1.3.2
connectome_workbench/1.4.2
cpac/1.0.1
cpac/1.5.0
cufflinks/2.2.1
cutadapt/1.14
dada2/1.4.1
dada2/1.8
dbg2olc/Sep2018
dendropy/4.2.0
diamond/0.9.12
diamond/0.9.24
diamond/2.0.8
dida/1.0.1
diffreps/1.55.6
dlcpar/1.1
edge-pro/1.3.1
eems/1.0
emboss/6.6.0
entap/0.8.1-beta
entap/0.8.4-beta
exonerate/2.2.0
fastme/2.1.5
fastqc/0.11.5
fastsimcoal/2
fasttree/2.1.10
fasttree/2.1.11
fastuniq/1.1
fastx-toolkit/2.6
fgap/1.8.1
fgbio/0.6.1
figtree/1.4.4
flashpca/2.0
freebayes/1.1.0
freebayes/1.2.0
qiime/1.9.1
quast/5.0.0
raremetal/4.14.1
raxml/8.2.10
raxml-ng/0.9.0
recon/1.08
repeatscout/1.0.5
revbayes/1.0.5
revbayes/1.0.6
rmblastn/2.10.0
rmblastn/2.6.0
rsem/1.3.1
salmon/0.11.3
salmon/0.8.2
salmon/1.0.0
salmon/1.2.0
salmon/1.3.0
samblaster/0.1.24
samtools/0.1.18
samtools/1.10
samtools/1.12
samtools/1.13
samtools/1.2
samtools/1.3.1
samtools/1.4.1
samtools/1.9
schrodinger/2017-3
schrodinger/2020-1
schrodinger/2020-3
schrodinger/2021-1
schrodinger/2021-3
selscan/1.2.0a
seqkit/0.10.1
seqtk/1.3
sga/0.10.15
sift/6.2.1
sift4g/2.0.0
sjaracne/0.2.0
skesa/1.68
slicer/4.10.0
slim/3.1

garlic/1.1.6
gatk/4.0.9.0
gatk/4.1.6.0
gatk/4.2.2.0
gdcclient/1.4.0
genemark/4.33
guppy/4.0.11
guppy/4.2.2
guppy/5.0.7
hapbin/1.3.0
hisat2/2.1.0
hmmer/3.1b2
homer/4.10
hotnet2/1.2.1
htseq/0.11.1
htseq/0.9.1
idba/1.1.3
idemp/20180928
ilash/1.0.0
ilash/1.0.2
interproscan/5.26-65.0
interproscan/5.27-66.0
interproscan/5.28-67.0
interproscan/5.32-71.0
interproscan/5.33-72.0
iq-tree/1.6.7
iq-tree/2.0.6
jellyfish/1.1.11
jellyfish/2.2.10
kneaddata/0.6.1
kraken/2.0.7-beta
kraken/2.0.9-beta
kraken/2.1.2
last/956
macs/2.1.1
macs/2.2.6
mafft/7.310-with-extensions
maker/2.31.10
marsbar/0.42
maxbin2/2.2.5
megahit/1.1.3
slim/3.2.1
slim/3.3
snippy/Oct2017
spades/3.10.1
spades/3.13.0
span/0.10.0.4787
spm/spm12
spm/spm12_7771
sprint/0.1.8
sratoolkit/2.10.5
sratoolkit/2.11.0
sratoolkit/2.8.2-1
stacks/2.2
stampy/1.0.32
star/2.6.1b
star/2.7.2a
star/2.7.3a
starfusion/1.7.0
starfusion/1.8.1
stringtie/1.3.3b
stringtie/1.3.4d
tabix/0.2.6
tablemaker/2.1.1
taxonkit/0.3.0
tophat/2.1.1
transabyss/2.0.1
transindel/20181017
trf/4.09
trimal/1.4
trimgalore/0.5.0
trimmomatic/0.36
trinity/2.11.0
trinity/2.4.0
trinity/2.8.4
usearch/5.2.32
usearch/8.1.1861
varscan/2.3.9
vcftools/0.1.16
velvet/1.2.10
velvet/1.2.10a
vep/101

meraculous/2.2.6 vep/104
metabat/2.12.1 viennarna/2.4.9
metaphlan/2.6.0 vmd/1.9.3
metavelvet/1.2.01 vsearch/2.11.1
migrate/3.6.11 weblogo/2.8.2
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ category: bio packages
~~~~~~~~~~~~~~~~~~~~~~~~~~~~
bwameth/0.10
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ category: bioinformatics
~~~~~~~~~~~~~~~~~~~~~~~~~~~~
umitools/1.0.0
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ category: biology
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
haplostrips/1.2.1 htslib/1.9 meme/5.0.5 mmsplice/0.2.7
htslib/1.13 libBigWig/0.4.4 meme/5.3.0 wiggletools/1.2.3
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ category: build tool
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
scons/3.0.1
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ category: cave
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
gigapixelviewer/alpha minvr/dev_ben vrg3d/265_compat
minvr/0.3master planetaryviewer/alpha vrg3d/265_demos
minvr/0.4 scalable/20150828 vrpn/7.33
minvr/beta scalable/opengl32+
minvr/beta-bleeding vrg3d/265
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ category: chemistry
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
Molpro/2012.1.15
Molpro/2015_gcc
Molpro/2015_serial
Molpro/2018.2_ga
Molpro/2019.2
Molpro/2019.2_ga
Molpro/2020.1
Molpro/2020.1_ga
Molpro/2020.1_openmpi_4.0.5_gcc_10.2_slurm20
ambertools/amber16
ambertools/amber16-gpu
ambertools/amber17
ambertools/amber17_lic
ambertools/amber21

ase/3.13.0

ase/3.19.1

ase/3.8.1

bagel/1.2.2

cp2k/7.1

cp2k/8.1.0

crossrate/2016.3.23

dacapo/2.7.16_mvapich2_intel

dice/1.0

elk/5.2.14

gaussian/g09

gaussian/g09-D01

gaussian/g09-D01-TEST

gaussview/14Aug20

gromacs/2016.6

gromacs/2018.2

gromacs/2018.2_gpu

gromacs/2018.2_hpcx_2.7.0_gcc_10.2_slurm20

gromacs/2020.1

gromacs/2020.1_hpcx_2.7.0_gcc_10.2_slurm20

gromacs/2020.4_gpu

gromacs/2020.4_gpu_hpcx_2.7.0_gcc_10.2_slurm20

gromacs/2020.4_hpcx_2.7.0_gcc_10.2_slurm20

hande/1.1.1

hande/1.1.1_64

hande/1.1.1_debug

hotbit/10mar17

lammps/11Aug17_serial

lammps/29Oct20_openmpi_4.0.5_gcc_10.2_slurm20

medea/3.2.3.0

molden/5.7

mrcc/2014-intel

mrcc/2014-intel-threaded

mrcc/2018-intel

mrcc/2018-intel-threaded

mrcc/2020

n2p2/1.0.0

n2p2/2.0.0

n2p2/2.0.0_hpcx

nbo/7.0

nwchem/6.8-openmpi

nwchem/7.0

nwchem/7.0.2_mvapich2-2.3.5_intel_2020.2_slurm20

openbabel/2.4.1

openbabel/3.0.0

openmolcas/18.09.617

orca/4.0.1.2

orca/4.1.1

orca/4.2.1

orca/5.0.0

orca/5.0.1

prophet/augustegm_1.2

pyscf/1.4.7

pyscf/1.6.3

qchem/5.0.2

qchem/5.0.2-openmpi

qmcpack/3.10.0_openmpi_4.0.5_intel_2020.2_slurm20

qmcpack/3.7.0

qmcpack/3.9.1

qmcpack/3.9.1_openmpi_3.1.6

qmcpack/3.9.2_hpcx_2.7.0_gcc_10.2_slurm20

qmcpack/3.9.2_intel_2020

qmcpack/3.9.2_openmpi_4.0.0_gcc_8.3_slurm20

qmcpack/3.9.2_openmpi_4.0.0_gcc_8.3_slurm20_complex

qmcpack/3.9.2_openmpi_4.0.1_gcc

qmcpack/3.9.2_openmpi_4.0.4_gcc

qmcpack/3.9.2_openmpi_4.0.5_intel_2020.2_slurm20

quantumespresso/6.1

quantumespresso/6.3

quantumespresso/6.4

quantumespresso/6.4.1

quantumespresso/6.4_openmpi_4.0.0_gcc_8.3_slurm20

quantumespresso/6.4_openmpi_4.0.5_intel_2020.2_slurm20

quantumespresso/6.4_openmpi_4.0.5_intel_slurm20

quantumespresso/6.5

quantumespresso/6.5_openmpi_4.0.5_intel_slurm20

quantumespresso/6.6

quantumespresso/6.6_openmpi_4.0.5_intel_2020.2_slurm20

rotd/2014-11-15_mvapich2

schrodinger/2017-3

schrodinger/2020-1

schrodinger/2020-3

schrodinger/2021-1

schrodinger/2021-3

sharc/2.0

sharc/2.1.1

sharc/2.1.1_intel

vasp/5.4.1

vasp/5.4.1_debug

vasp/5.4.1_mvapich2-2.3.5_intel_2020.2_slurm20

vasp/5.4.4

vasp/5.4.4_intel

vasp/5.4.4_mvapich2-2.3.5_intel_2020.2_slurm20

vasp/5.4.4_openmpi_4.0.5_gcc_10.2_slurm20

vasp/5.4.4a

vasp/6.1.1_ompi405_yqi27

vasp/6.1.1_openmpi_4.0.5_intel_2020.2_yqi27_slurm20

vasp/6.1.1_yqi27

xcrysden/1.5.60

~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ category: class

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class/1435

~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ category: clients

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aspera/3.8.1

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cesm/1.2.1 cesm/2.1.1 esmf/8.0.0 esmf/8.1.0b11

cesm/1.2.2 esmf/7.1.0r esmf/8.0.0b esmf/8.1.9b17

~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ category: compilers

~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

Xvfb/1.20.12 gcc/10.2 java/8u111

clang/3.9.1 gcc/4.5.4 java/jdk-11.0.11

clang/7.0.0 gcc/4.7.2 java/jdk-12.0.2

clang/7.1.0 gcc/4.9.4 kokkos/3.3.1

cuda/10.0.130 gcc/5.4 kokkos/3.4.1

cuda/10.1.105 gcc/6.2 llvm/11.0.1

cuda/10.2 gcc/6.3 llvm/3.8.1

cuda/11.1.1 gcc/7.2 llvm/4.0.0

cuda/11.1.1_intel_2020 gcc/8.3 llvm/6.0.1

cuda/11.3.1 intel/2011.11.339 llvm/7.1.0

cuda/7.5.18 intel/2013.1.106 nag/6.2

cuda/8.0.61 intel/2017.0 nag/mbl6i25dnl

cuda/9.0.176 intel/2018.1 pgi/16.7
cuda/9.1.85.1 intel/2019.3 pgi/2019
cuda/9.2.148 intel/2020.2 swig/3.0.10
~~~~~~~~~~~~~~~~~~~~~~~~ category: computer architecture ~~~~~~~~~~~~~~~~~~~~~~~~
llvmOpenmp/1.0 llvmOpenmp/2.0
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ category: containers
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
singularity2/2.5.2
~~~~~~ category: cross webbrowser web application development environment ~~~~~~
chromedriver/2.46
~~~~~~~~~~~~~~~ category: data analysis(http://www.mega-nerd.com/) ~~~~~~~~~~~~~~~
libsnd/1.0.28
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ category: data science
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
catboost/0.8.1 manureadr/1.0 pandas/py_3.6.6
catboost/0.8.1_py3 pandas/py_3.5.2
~~~~~~~~~~~~~~~~~~~~~~~~ category: data structure library ~~~~~~~~~~~~~~~~~~~~~~~~
dcm2bids/2.1.4
~~~~~~~~~~~~~~~~~~~~~~~ category: debugging and profiling ~~~~~~~~~~~~~~~~~~~~~~~
forge/18.2.3 forge/19.1.2 forge/21.0.2
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ category: dev
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
googletest/1.8.0 qemu/4.1.0
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ category: devel
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
bazel/0.23.0 glew/1.13.0 opengl/nvidia-375.66
bazel/0.25.2 glew/2.1.0 opengl/nvidia-390.30
bazel/0.4.4 opengl/mesa-12.0.6 opengl/nvidia-410.72
bazel/0.5.4 opengl/mesa-18.3.3 protobuf/3.4.1
bazel/1.2.1 opengl/nvidia protobuf/3.6.0_gcc5.4
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ category: editor
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
emacs/26.3 neovim/0.4.4
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ category: engineering
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
abaqus/2017 comsol/5.6
abaqus/2021 mentor-calibre/2020.1_36.18
abaqus/2021.1 spectre/191
abaqus/2021.1_intel17 su2/7.0.2
abaqus/6.12sp2 synopsys/2018.06
ansys/18.1 synopsys/2020.06
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

assura/04.16.107 synopsys/L_2016.03-SP2
comsol/5.2
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ category: fMRI
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
brainiak/Feb2018
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ category: fonts
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
freetype/2.7.1
~~~~~~~~~~~~~~~~~~~~~~~~~~ category: gene and species tree ~~~~~~~~~~~~~~~~~~~~~~~~~~
phyldog/1.0
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ category: genetics
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
megacc/10.1.8
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ category: genomic
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
admixture/1.3.0 glactools/1.0.7 pybigwig/0.3.15
deeptools/3.2.1 partitionfinder/2.1.1 pysam/0.15.2
deeptoolsintervals/0.1.7 py2bit/0.3.0 pyslim/1.0
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ category: genomics
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
cellranger/3.1.0 cellranger/arc-1.0.1 faststructure/1.0
cellranger/5.0.1 chromopainter/0.0.4 relernn/6Dec2019
cellranger/6.0.0 clustal_omega/1.2.4
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ category: graphics
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
campari/3.0 gnuplot/5.2.3 inkscape/Sep-2019
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ category: image
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
c3d/1.0.0 imagej/1.52a leptonica/1.79.0 openexr/2.2.1
ffmpeg/3.2.4 imagemagick/7.0.7 libgd/2.2.5
ffmpeg/4.0.1 isis/3.5.1 libgit/1.1.0
~~~~~~~~~~~~~~~~~~~~~~~~~~~~ category: image converter
~~~~~~~~~~~~~~~~~~~~~~~~~~~~
mriconvert/2.1.0
~~~~~~~~~~~~~~~~~~~~~~~~~~~~ category: image processing
~~~~~~~~~~~~~~~~~~~~~~~~~~~~
libgif/5.1.9 libjpeg-turbo/2.0.2 openjpeg/2.3.1
libjpeg/9.0 mayavi/4.6.0 openslide-python/1.1.1
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ category: languages
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
R/3.3.2 julia/1.0 miniconda/4.10
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

R/3.4.0 julia/1.0.2 perl/5.16.0
R/3.4.3 julia/1.1.0 perl/5.18.2
R/3.4.3_mkl julia/1.2.0 perl/5.24.1
R/3.4.4 julia/1.4.1 perl/5.30.0
R/3.5.2 julia/1.4.2 perl/5.8.9
R/3.6.0 julia/1.5.0 python/2.7.12
R/3.6.3 julia/1.5.1 python/2.7.12_clean
R/4.0.0 julia/1.5.2 python/2.7.16
R/4.0.3 julia/1.5.3 python/3.5.2
R/4.0.5 julia/1.5.4 python/3.6.6
R/4.1.0 julia/1.6.0 python/3.6.6_test
anaconda/2-4.3.0 julia/1.6.1 python/3.6.8_gcc8.3
anaconda/2-5.3.0 julia/1.6.2 python/3.7.4
anaconda/2020.02 julia/1.6.3 python/3.8.12_gcc8.3
anaconda/3-4.3.0 lua/5.3.4 python/3.9.0
anaconda/3-5.2.0 maple/16 qt/3.3.8b
golang/1.15.6 maple/20 qt/3.3.8b-51
golang/1.16.6 materialstudio/2020 qt/5.10.1
golang/1.17.1 mathematica/10.3.1 qt/5.12
idl/8.5.1 mathematica/11.0 qt/5.12.0
idl_DEEPS/8.7.2 mathematica/12.0 qt/5.13.1
java/8u111 matlab/R2016a qt/5.14.2
java/jdk-11.0.11 matlab/R2017a qt/5.7.0
java/jdk-12.0.2 matlab/R2017b qt/5.9.0
julia/0.5.1 matlab/R2018a ruby/2.4.0
julia/0.6.1 matlab/R2018b rust/1.45.1
julia/0.6.4 matlab/R2019a rust/1.50.1
julia/0.7.0 matlab/R2021a scala/2.12.2
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ category: lib
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
lftp/4.8.4
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ category: libraries
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
Xvfb/1.20.12
acml/5.2.0-gfortran
agalma/1.0.0
armadillo/9.200.4
assimp/4.1.0
assimp/5.0.0
blast-legacy/2.2.26
boost/1.44.0

boost/1.49.0

boost/1.55

boost/1.57

boost/1.62.0-intel

boost/1.63.0

boost/1.68

boost/1.69

boost/1.75.0_openmpi_4.0.5_intel_2020.2_slurm20

boost/1.76.0_hpcx_2.7.0_gcc_10.2_slurm20

boost/1.76.0_hpcx_2.7.0_intel_2020.2_slurm20

bzip2/1.0.2

c-blosc/1.16.3

cdhit/4.6.8

cuda/10.0.130

cuda/10.1.105

cuda/10.2

cuda/11.1.1

cuda/11.1.1_intel_2020

cuda/11.3.1

cuda/7.5.18

cuda/8.0.61

cuda/9.0.176

cuda/9.1.85.1

cuda/9.2.148

ea-utils/1.04.807

fabm/1.0.2

fastq-tools/0.8

fftw/2.1.5

fftw/2.1.5-double

fftw/3.3.6

fftw/3.3.8

fftw/3.3.8a

freeglut/3.0.0

geos/3.4.2

geos/3.7.1

geos/3.8.1

gerris/1.0

global_arrays/5.6.1

global_arrays/5.6.1_i8

global_arrays/5.6.1_openmpi_2.0.3

global_arrays/5.8_openmpi_4.0.5_gcc_10.2_slurm20

gmp/6.1.2

gsl/1.15

gsl/2.3

gsl/2.5

igraph/0.7.1

keras/2.0.9

keras/2.1.1

keras/2.1.3_py3

lemon/1.3.1

leveldb/1.20

libcutensor/10.2

libflint/2.7.1

libint/2.5.0

libpng12/1.2.57

libspatialindex/1.9.3

libtiff/4.0.10

libxc/4.3.4

libzip/0.9-3.1.el6

lp_solve/5.5.2.5

metis/5.1.0

mpfr/3.1.5

mpfr/4.0.2

mpi4py/3.0.1_py3.6.8

mxnet/1.3.0

node.js/14.16.0

node.js/6.10.3

occa/1.2

openblas/0.2.19

openblas/0.2.8

openblas/0.3.7

opencv/3.2.0

opencv/3.4.1

parmetis/4.0.3

pcre2/10.35

phylobales/1.8b

proj/4.9.3

proj/5.2.0

proj/7.0.0

pytorch/1.3.1

sparsehash/2.0.2

suiteparse/4.5.4

sysstat/12.5.4
tensorflow/1.1.0_cpu
tensorflow/1.1.0_gpu
tensorflow/1.13.1_cpu_py3
tensorflow/1.13.1_gpu
tensorflow/1.13.1_gpu_keras
tensorflow/1.13.1_gpu_py3
tensorflow/1.14.0_gpu_py36
tensorflow/1.4.1_cpu
tensorflow/1.4.1_cpu_py3
tensorflow/1.4.1_gpu
tensorflow/1.4.1_gpu_py3
tensorflow/1.4.1_gpu_py3_cuda9.1
tensorflow/1.5.0_cpu_py3
tensorflow/1.5.0_gpu
tensorflow/1.5.0_gpu_py3
tensorflow/2.0.0_cpu_py37
tensorflow/2.0.0_gpu_py37
theano/1.0.1_py3
transdecoder/5.4.0
v8/3.14.5
voro++/0.4.6
vrpn/7.33
whatshap/Sep2018
xeyes/1.0
xz/5.2.4
yaml-cpp/0.6.2
yaml-cpp/0.6.2_intel2019.3
yaml-cpp/0.6.3_intel_2020.2
zlib/1.2.11
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ category: library
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
catch2/2.3 matplotlib/2.2.4 pmclib/1.1
dcmtk/3.6.6 multinest/3.10 pstokes/1.0
dotnet/5.0.202 nccl/2.4.7 sprng/5.0
easydict/1.7 nccl/2.8.4 statsmodels/0.9.0
fastq_screen/0.13.0 openslide/3.4.1
gsutil/350 p7zip/16.02
~~~~~~~~~~~~~~~~~~~~~~~~~~~~ category: machine learning
~~~~~~~~~~~~~~~~~~~~~~~~~~~~
1/1.01 py-faster-rcnn/July2018

1/2.03 rapidjson/1.1.0
attend2u/20180216 scikit-learn/0.19.1
cudnn/5.1 scikit-learn/0.21.2
cudnn/6.0 sciml_class/pytorch-21.06
cudnn/7.0 tensorflow/1.1.0_cpu
cudnn/7.4 tensorflow/1.1.0_gpu
cudnn/7.6 tensorflow/1.13.1_cpu_py3
cudnn/7.6.5 tensorflow/1.13.1_gpu
cudnn/8.1.0 tensorflow/1.13.1_gpu_keras
cudnn/8.2.0 tensorflow/1.13.1_gpu_py3
deeparg/Jan2019 tensorflow/1.14.0_gpu_py36
deeparg/Oct2018 tensorflow/1.4.1_cpu
deeplabcut/1.01 tensorflow/1.4.1_cpu_py3
deeplabcut/2.03 tensorflow/1.4.1_gpu
deeplabcut/2.1.4 tensorflow/1.4.1_gpu_py3
deeplabcut/2.1.9 tensorflow/1.4.1_gpu_py3_cuda9.1
deeplabcut/2.2 tensorflow/1.5.0_cpu_py3
dlib/19.17 tensorflow/1.5.0_gpu
flann/1.8.4 tensorflow/1.5.0_gpu_py3
hnn/1.0 tensorflow/2.0.0_cpu_py37
horovod/0.16 tensorflow/2.0.0_gpu_py37
horovod/0.19.5 tf-horovod/1.0
pcl/1.9.1 xgboost/1.3.3
pcl/1.9.1_nurbs
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ category: math
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
atlas/3.10.3 lapack/3.7.0 ripser/0.5.3
blas/3.7.0 macaulay2/1.12-1 rss/1.0
cgal/3.14.1 magma/V2.23-10 sage/8.7
fenics/2017.1 magma/V2.25-5 sage/9.0
fenics/2018.1.0 magma/V2.25-5-gpu scalapack/2.0.2
gap/4.9.1 magma-gpu/2.4.0 sympy/1.4
gmsh/3.0.1 magma-gpu/2.5.4_volta trlan/2010.09
lapack/3.4.2 nlopt/2.5.0
lapack/3.6.0 numpy/intel_1.15.1
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ category: misc
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
mark/Dec18 mysql/8.0.13
mysql/5.7.28 netcdf4-python/4.1.4.2
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ category: ml
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bonito/0.3.1

~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ category: model

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gotm/5.0_qingli gotm/5.3

~~~~~~~~~~~~~~~~~~~~~~~~~~~ category: molecular dynamics

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mdanalysis/0.19.2

~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ category: mpi

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mpi/cave_mvapich2_2.3b_gcc

mpi/cave_mvapich2_2.3b_intel

mpi/cave_mvapich2_2.3rc2_gcc

mpi/hpcx_2.7.0_gcc_10.2_slurm20

mpi/hpcx_2.7.0_intel_2020.2_slurm20

mpi/mpich3.3a3_intel_2020.2

mpi/mvapich2-2.3.5_gcc_10.2_slurm20

mpi/mvapich2-2.3.5_intel_2017.0_slurm20

mpi/mvapich2-2.3.5_intel_2020.2_slurm20

mpi/openmpi_2.0.3_intel_2020.2_slurm20

mpi/openmpi_3.1.6_gcc

mpi/openmpi_3.1.6_gcc_10.2_slurm20

mpi/openmpi_4.0.0_gcc

mpi/openmpi_4.0.1_gcc

mpi/openmpi_4.0.4_gcc

mpi/openmpi_4.0.4_gcc_8.3_slurm20

mpi/openmpi_4.0.5_gcc_10.2_slurm20

mpi/openmpi_4.0.5_intel_2020.2_cuda_9.1.85_slurm20

mpi/openmpi_4.0.5_intel_2020.2_slurm20

mpi/openmpi_4.1.1_gcc_10.2_slurm20

osu-mpi/5.3.2

osu-mpi/5.6.2_mvapich2-2.3a_gcc

~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ category: mri

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afni/17.1.00	freesurfer/6.0.0
afni/18.2.06	freesurfer/6.0.0_rh7
afni/19.0.17	freesurfer/6.0.0_rh7-30-Nov-2018
afni/19.3.08	freesurfer/7.1.1
afni/19.3.10	fsl/5.0.10
afni/20.0.03	fsl/6.0.0
afni/20.1.06	fsl/6.0.3
afni/21.2.04	mmvt/2020-06

ants/2.1.0 mricron/05-2016

ants/2.3.1 mricron/12-2012

ants/2.3.4 mricron/2019-09

dsi/april2019 tortoise/3.1.0

~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ category: neuro

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dtitk/2.3.1 qit/1.0 qit/2.0 qit/Jun21

~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ category: neuroscience

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sct/4.2.2

~~~~~~~~~~~~~~~~~~~~~~~~~ category: numerical optimization ~~~~~~~~~~~~~~~~~~~~~~~~~

bayop/1.0

~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ category: other

~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

sbt/1.2.3

~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ category: package

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ffte/6.0 ffte/6.0/mpi

~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ category: performance

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ior/2.10.3 ipm/2.0.6_r

ior/3.0.1 osu-mpi/5.3.2

ior/3.2.1 osu-mpi/5.6.2_mvapich2-2.3a_gcc

ipm/2.0.6 papi/5.4.3

~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ category: physics

~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

casa/5.1.2

geant/4.10.04.p01

geant/4.10.3

geant/4.10.5

geant/4.9.4.p04

gpaw/0.10.0

gpaw/1.2.0

gpaw/1.2.0_hpcx_2.7.0_gcc

gpaw/1.2.0_mvapich2-2.3a_gcc

gpaw/20.10.0_hpcx_2.7.0_intel_2020.2_slurm20

gpaw/20.10_hpcx_2.7.0_intel_2020.2_slurm20

gpaw/21.1.0_hpcx_2.7.0_gcc_10.2_slurm20

gpaw/21.1.0_openmpi_4.0.5_gcc_10.2_slurm20

gpaw/21.1.0a_openmpi_4.0.5_gcc_10.2_slurm20

hoomd/2.9.0
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jdftx/1.4.2

lumericalfdtd/8.16.982

mcx/20180525

mcxlab/2017.7

mujoco-py/1.50.1.23

pymultinest/2.9

root/6.10

~~~~~~~~~~~~~~~~~~~~~~~~ category: profiling and debugging ~~~~~~~~~~~~~~~~~~~~~~~~

cube/4.3.4 ncdu/1.14

ddd/3.3.12 scalasca/2.3.1_intel

gdb/7.12.1 scorep/3.0_intel_mvapich2

gperftools/2.5 valgrind/3.12.0

~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ category: python

~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

numpydoc/0.9.1 pytables/3.5.2 six/1.12.0

plotly/3.9.0 python_igraph/0.7.1

~~~~~~~~~~~~~~~~~~~~~~~~~~~~ category: python library

~~~~~~~~~~~~~~~~~~~~~~~~~~~~

wx/1.0

~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ category: software

~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

annovar/2018Apr16 orthofinder/2.2.7 orthofinder/2.3.3

~~~~~~~~~~~~~~~~~~~~~~~~ category: software management

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maven/3.2.2 maven/3.8.1

~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ category: solvers

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eigen/3.2.2

eigen/3.3.2

eigen/3.4.0

mcl/12.135

mineos/1.0

mumps/5.0.2

mumps/5.0.2-seq

openfoam/4.1

openfoam/4.1a

openfoam/7.0_hpcx_2.7.0_gcc_10.2_slurm20

pari/2.11.2

pastix/5.2.3

petsc/3.14.2_hpcx_2.7.0_gcc_10.2_slurm20

petsc/3.14.2_hpcx_2.7.0_intel_2020.2_slurm20
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petsc/3.14.2_mpich3.3a3_intel_2020.2

petsc/3.7.5

petsc/3.7.7

petsc/3.8.3

polyrate/17C

scotch/6.0.4

suiteparse/4.5.4

trilinos/12.12.1

~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ category: stat

~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

seaborn/0.10.0

~~~~~~~~~~~~~~~~~~~~~~ category: statistical analysis package ~~~~~~~~~~~~~~~~~~~~~

glmnet/1.0

~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ category: statistics

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JAGS/4.2.0 R/3.6.3 caffe/1.0_with_cudnn

JAGS/4.3.0 R/4.0.0 mallet/2.0.8rc3

R/3.3.2 R/4.0.3 rstudio/1.0.44

R/3.4.0 R/4.0.5 rstudio/1.1.463

R/3.4.3 R/4.1.0 rstudio/1.4.1103

R/3.4.3_mkl SAS/9.4M6 stata/14

R/3.4.4 SAS/9.4b stata/15

R/3.5.2 caffe/1.0 wfu_pickatlas/3.0.5b

R/3.6.0 caffe/1.0_CPU_ONLY

~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ category: sys

~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

dos2unix/7.4.0

~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ category: system

~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

wayland/1.18.0 xfce/4.10 xfce/4.16

wayland-protocols/1.20 xfce/4.12

~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ category: tex

~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

pandoc/2.9.2.1

~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ category: text editing

~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

texstudio/2.12.16

~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ category: tool

~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

dcm2niix/25.0

~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ category: tool kit

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subread/1.6.2
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ category: tools
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
idr/2.0.2   omero/5.6.2
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ category: utilities
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
atom/1.19.3   git/2.10.2
bamaddrg/20180928   git/2.20.2
binutils/2.29.1   git/2.29.2
binutils/2.31   h4cf/1.2
chrome/55.0   h5py/2.9.0
chrome/73.0   intltool/0.51.0
cmake/3.10.1   itstool/2.0.4
cmake/3.15.4   json_cpp/1.9.4
cmake/3.20.0   json_fortran/8.1.0
cmake/3.6.3   kallisto/0.46.1
cmake/3.8.0   libevent/2.1.8
colordiff/1.0.18   libwnck/3.24.1
comsol/5.2   mercurial/5.1
comsol/5.6   ncurses/6.2
cppunit/1.14.0   pdftk/2.02
curl/7.61.1   perf-tools/2.7
cvs/1.11.23   rclone/1.51.0
depot_tools/Jan2019   rsync/3.1.3
engineering/19.10.237   spfft/0.9.12
engineering/calibre2020.1_36 sublime/2.0.2
express/1.5.1   svn/1.8.17
fileZilla/3.10.0   svn/1.9.5
firefox/56.0.2   texinfo/4.13a
firefox/59.0.2   texlive/2018
firefox/66.0.3   vim/8.1
firefox/68.0   vim/8.1_py3
firefox/87.0   vnc-apps/7.2
ghostscript/9.21   xxdiff/4.0.1
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ category: utility
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
redis/6.2.4
~~~~~~~~~~~~~~~~~~~~ category: version record for large files ~~~~~~~~~~~~~~~~~~~~
gitlfs/2.7.1
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ category: vision
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

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opencv/3.2.0 scikit-image/0.13.1 tesseract/3.05.00

opencv/3.4.1 scikit-image/0.15.0 tesseract/4.00.00

~~~~~~~~~~~~~~~~~~~~~~~~~~~~ category: visualization

~~~~~~~~~~~~~~~~~~~~~~~~~~~~

atomeye/3.0

basemap/1.2.0

blender/2.78

blender/2.79

blender/2.90.1

cartopy/0.16.0

cartopy/0.17.0

cave-demo/yurt

cave-utils/yurt

caviar/1.0

ferret/7.1

gdal/2.1.3

gdal/2.4.0

gdal/3.0.4

gephi/0.9.2

gimp/2.8.22

gimp/2.9.6

glm/0.9.9

glm/0.9.9.5

grace/5.1.25

graphviz/2.40.1

minvr/0.3master

minvr/0.4

minvr/beta

minvr/beta-bleeding

minvr/dev_ben

ncview/2.1.7

openscad/2015.03-3

openscenegraph/3.4.0

osgearth/2.7

ovito/2.8.2

ovito/2.9.0

paraview/5.1.0

paraview/5.1.0_yurt

paraview/5.4.1

paraview/5.6.0_no_scalable
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paraview/5.6.0_yurt

paraview/5.8.0

paraview/5.8.0_mesa

paraview/5.8.0_release

paraview/5.8.1_openmpi_4.0.5_intel_2020.2_slurm20

paraview/5.9.0

photoscan/1.3.0

pyshp/2.0.1

shapely/1.6.4

tecplot/2017

tecplot/2017R3

tecplot/2018R2

tecplot/2019R1

unity/Unity-2017.3.0b1

unity/unity-editor-2017.2.0f3

visit/2.13.2

visit/2.7.2

vmd/1.9.3

vrg3d/265

vrg3d/265_compat

vrg3d/265_demos

vtk/5.6.1

vtk/7.1.1

vtk/7.1.1a

vtk/8.1.0

xcrysden/1.5.60

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metashape/1.5.4

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wrf/3.6.1

wrf/4.2.1_hpcx_2.7.0_intel_2020.2_slurm20

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workshop/1.0 workshop/3.0

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